

**PATENT**

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Applicant:	BRANDT ET AL.	)	
		)	Examiner L. West
Appl. No.	10/074,970	)	
		)	Art Unit 2682
Confirm. No.	6905	)	
		)	Atty. Docket No. CS20456RL
Filed:	13 February 2002	)	
Title:	"Reselection Optimization in Mobile Wireless Communication Devices And Methods Therefor"		

**REPLY UNDER 37 C.F.R. § 41.41**

Assistant Commissioner for Patents  
Alexandria, Virginia 22313

Sir:

**Discussion of Claim 1**

Contrary to the Examiner's assertion, there is no disclosure by New of "...performing present signal measurements while receiving the present paging information..." and "... performing present reselection processing on prior signal measurements while performing present signal measurements..." as recited in Claim 1.

New, at col. 10: 2-18, describes a series of events that occur during interval 426 of FIG. 4. First, during time period  $T_{CR1}$ , New performs reacquisition of base stations in a reacquisition list (B1 & B2) (col. 10: 2-8). During time period  $T_{CR1}$ , New also selects a base station (B1) (col. 10: 2-8). In

New, the paging signal is received and demodulated only after selecting the base station. Particularly, in FIG. 4, New demodulates the paging signal from base station (B1) at  $T_1$ , since base station (B1) was selected, after the reacquisition time period  $T_{CR1}$ . In New, had base station (B2) been selected, New would receive the paging signal from Base station (B2) at time  $T_2$ . In FIG. 4, New illustrates that a "Priority Search" is performed *after* the re-acquisition time period  $T_{CR1}$  of time period 426. Similarly, during time interval 436, New performs a neighbor search after re-acquisition. New, col. 10: 35-48. Claim 1 is thus patentably distinguished over New.

### **Discussion of Claim 3**

Contrary to the Examiner's assertion, New does not disclose "... reducing power consumption by performing the present reselection processing on the prior signal measurements while receiving the present paging information, performing prior signal measurements while receiving prior paging information before receiving the present paging information" as recited in Claim 3 in combination with Claim 1. As noted, New performs re-acquisition and priority searching sequentially. Thus New does not obtain the power saving that would result by performing these operations simultaneously. Claim 3 is thus further patentably distinguished over New.

### **Discussion of Claim 8**

Contrary to the Examiner's assertion, there is no disclosure by New of "... performing reselection processing while receiving present paging

information..." and "... reducing power consumption by performing the reselection processing on prior signal measurements performed while receiving prior paging information..." as recited in Claim 8.

New, at col. 10: 2-18, describes a series of events that occur during interval 426 of FIG. 4. First, during time period  $T_{CR1}$ , New performs reacquisition of base stations in a reacquisition list (B1 & B2) (col. 10: 2-8). During time period  $T_{CR1}$ , New also selects a base station (B1) (col. 10: 2-8). In New, the paging signal is received and demodulated only after selecting the base station. Particularly, in FIG. 4, New demodulates the paging signal from base station (B1) at  $T_1$ , since base station (B1) was selected, after the reacquisition time period  $T_{CR1}$ . In New, had base station (B2) been selected, New would receive the paging signal from Base station (B2) at time  $T_2$ . In FIG. 4, New illustrates that a "Priority Search" is performed *after* the re-acquisition time period  $T_{CR1}$  of time period 426. Similarly, during time interval 436, New performs a neighbor search after re-acquisition. New, col. 10: 35-48. Claim 8 is thus patentably distinguished over New.

### **Discussion of Claim 12**

Contrary to the Examiner's assertion, there is no disclosure by New of "... reducing power consumption by receiving at least a portion of the periodic paging information concurrently with performing at least a portion of the periodic signal measurements and performing at least a portion of the periodic reselection processing" as recited in Claim 12. As noted above, in new there is no temporal overlap of the receipt of paging information, the

performance of signal measurements and reselection. Claim 12 is thus patentably distinguished over New.

### **Discussion of Claim 15**

Regarding Claim 15, New fails to disclose "... performing reselection processing for prior neighbor cell signal strength measurements while receiving the present paging block and performing the present neighbor cell signal strength measurements."

New, at col. 10: 2-18, describes a series of events that occur during interval 426 of FIG. 4. First, during time period  $T_{CR1}$ , New performs reacquisition of base stations in a reacquisition list (B1 & B2) (col. 10: 2-8). During time period  $T_{CR1}$ , New also selects a base station (B1) (col. 10: 2-8). In New, the paging signal is received and demodulated only after selecting the base station. Particularly, in FIG. 4, New demodulates the paging signal from base station (B1) at  $T_1$ , since base station (B1) was selected, after the reacquisition time period  $T_{CR1}$ . In New, had base station (B2) been selected, New would receive the paging signal from Base station (B2) at time  $T_2$ . In FIG. 4, New illustrates that a "Priority Search" is performed *after* the re-acquisition time period  $T_{CR1}$  of time period 426. Similarly, during time interval 436, New performs a neighbor search after re-acquisition. New, col. 10: 35-48. Claim 15 is thus patentably distinguished over New.

### **Discussion of Claim 18**

Regarding Claim 18, New fails to disclose "... performing reselection processing for prior signal measurements while receiving the present paging indicator channel block and performing the present signal measurements."

New, at col. 10: 2-18, describes a series of events that occur during interval 426 of FIG. 4. First, during time period  $T_{CR1}$ , New performs reacquisition of base stations in a reacquisition list (B1 & B2) (col. 10: 2-8). During time period  $T_{CR1}$ , New also selects a base station (B1) (col. 10: 2-8). In New, the paging signal is received and demodulated only after selecting the base station. Particularly, in FIG. 4, New demodulates the paging signal from base station (B1) at  $T_1$ , since base station (B1) was selected, after the reacquisition time period  $T_{CR1}$ . In New, had base station (B2) been selected, New would receive the paging signal from Base station (B2) at time  $T_2$ . In FIG. 4, New illustrates that a "Priority Search" is performed *after* the re-acquisition time period  $T_{CR1}$  of time period 426. Similarly, during time interval 436, New performs a neighbor search after re-acquisition. New, col. 10: 35-48. Claim 18 is thus patentably distinguished over New.

### **Prayer for Relief**

Kindly reverse and vacate the rejections of claims, in view of the discussion above, with instructions for the Examiner to allow said Claims to issue in a United States Patent without further delay and provide other relief warranted.

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Respectfully submitted,

/ROLAND K. BOWLER II/

MOTOROLA, INC.  
INTELLECTUAL PROPERTY DEPT. (RKB)  
600 NORTH U.S. HIGHWAY 45, W4-37Q  
LIBERTYVILLE, ILLINOIS 60048

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ROLAND K. BOWLER II      30 APR. 2007  
REG. NO. 33,477

TELEPHONE NO. (847) 523-3978  
FACSIMILE NO. (847) 523-2350